



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gino V. Segre et al.

Serial No. : 099,874

Filed : November 24, 1998

Title : PARATHYROID HORMONE RECEPTOR AND DNA ENCODING SAME

Art Unit : 1646

Examiner : M. Pak

TECH CENTER 8600/2900

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Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO OFFICE ACTION DATED MAY 21, 2002

Please amend the application as indicated below and consider the following remarks.

In the Claims:

Cancel claims 44 to 51.

Amend claims 40, 42, 43, and 57 as follows:

40. (Amended) A method for identifying a compound that inhibits binding of a parathyroid hormone to a parathyroid hormone receptor by competitively binding to the parathyroid hormone receptor, the method comprising:

(a) providing a recombinant polypeptide that: (i) comprises at least 6 amino acids and less than the complete amino acid sequence of a parathyroid hormone receptor, and (ii) binds to parathyroid hormone;

(b) contacting the polypeptide with a parathyroid hormone in the presence of a candidate compound; and

(c) comparing the level of binding of the polypeptide to the parathyroid hormone in the presence of the candidate compound with the level of binding of the polypeptide to the parathyroid hormone in the absence of the candidate compound, wherein a lower

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